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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/069,483	07/08/2002	Ingolfur Arnarson	01190.0006	3417

7590 07/31/2003
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EXAMINER

PELHAM, JOSEPH MOORE

ART UNIT	PAPER NUMBER
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3742

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DATE MAILED: 07/31/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/069,483

Applicant(s)

ARNARSON ET AL.

Examiner

Joseph M Pelham

Art Unit

3742

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ____ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 24-45 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 24-45 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 July 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____ 6) ☐ Other: ____.

Art Unit: 3742

Claim Rejections - 35 USC § 112

1. Claims 24-45 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 24, line 9, recites "plan," which evidently should be "planar."

Also in claim 24, and throughout the claims and specification, "convection from the [conveyor] elements to the product," where the heat is transmitted rather by **conduction**, rendering the claims indefinite.

Claims 31-33 recite a freezing process; however, the claims from which they depend recite "thermal [conduction] from the elements to the product," which precludes the lowering of product temperature since heat is added to it.

Claim 45 recites "a method...according to any one of claims 24-43;" however, none of the cited claims recites a method, rendering the claim indefinite.

Claim Rejections - 35 USC § 102

2. Claim 44 is rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent 4965435 to Smith et al.

Referring to Figure 3, and column 4, lines 14-15, Smith et al discloses a cooking device with a conveyor formed of wire mesh, which is inherently metallic, and hence thermally conductive. The conveyor is itself necessarily heated by convection, and the food items too are thus heated.

Allowable Subject Matter

3. Claims 24-43 and 45 would appear to be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action.

Conclusion

4. The prior art cited on the PTO FORM 892, but not applied, is pertinent to the claimed invention. Applicant is urged to consider all cited prior art when replying to this action.

Any inquiry concerning communications from the Examiner should be directed to Joseph Pelham at (703) 308-1709; fax: 703-872-9302 (before final), 703-872-9303 (after final), or 703-872-9301 (customer service). Working hours: 7:00 AM - 3:30 PM, Monday - Friday.

Joseph Pelham
Primary Patent Examiner
Art Unit 3742



JMP
July 28, 2003